



Intel EtherExpress PRO 100B-TX PCI Ethernet Adapter

Installation Guide

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1 Installing the Intel EtherExpress PRO 100B-TX PCI Ethernet Adapter

Microsoft Windows 95 SR2.5

Connecting to a Windows NT 3.51 Server

Requirements

- HP Vectra with Windows 95 SR2.5.
- Intel EtherExpress PRO 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows 95 SR2.5 media.
- Microsoft Windows NT Server 3.51 system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra VIi8	Vectra VEi7	Vectra VEi8
Interrupt	10	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress PRO 100B-TX PCI adapter card into an PCI slot.
 - 2 Connect network cable media to the PRO 100B-TX PCI card.
 - 3 Power on the machine and start Windows 95SR2.5 in MS-DOS mode.
 - 4 Insert the Intel drivers disk, "EtherExpress Ethernet Drivers" and execute "A:\SETUP.EXE".
 - 5 Select "VIEW ADAPTER SETTINGS" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 When Windows 95 restarts, a message will appear to indicate that a new hardware has been found.
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- 9 When prompted, click on “Next” and then click on “Other Locations” to provide the drivers for the Intel EtherExpress PRO 100B-TX PCI 10/100.
 - 10 Insert the drivers diskette and set the path statement to “A:\” and click on “OK”.
 - 11 With the “Intel 82557C-Based Ethernet PCI (10/100)” listed, click on “Finish”.
 - 12 When asked to supply the driver “net82557.INF”, set the path to “A:\” and click on “OK”.
 - 13 Click “OK” to the “Network dialog box to provide computer / workgroup names.
 - 14 Specify your Computer Name, Workgroup, and Computer Description. (If you do not have the required information, contact your network administrator).
 - 15 Click on “Close” button, and files will copy.
 - 16 Click on the “Yes” button to finish the installation and restart your computer.
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2 Installing the Intel EtherExpress PRO 100B-TX PCI Ethernet Adapter

Microsoft Windows 95 SR2.5

Connecting to a Windows NT 4.0 Server

Requirements

- HP Vectra with Windows 95 SR2.5.
- Intel EtherExpress PRO 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows 95 SR2.5 media.
- Microsoft Windows NT Server 4.0 system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra VIi8	Vectra VEi7	Vectra VEi8
Interrupt	10	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress PRO 100B-TX PCI adapter card into an PCI slot.
 - 2 Connect network cable media to the PRO 100B-TX PCI card.
 - 3 Power on the machine and start Windows 95SR2.5 in MS-DOS mode.
 - 4 Insert the Intel drivers disk, "EtherExpress Ethernet Drivers" and execute "A:\SETUP.EXE".
 - 5 Select "VIEW ADAPTER SETTINGS" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 When Windows 95 restarts, a message will appear to indicate that a new hardware has been found.
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2 Installing the Intel EtherExpress PRO 100B-TX PCI Ethernet Adapter

Connecting to a Windows NT 4.0 Server

- 9 When prompted, click on “Next” and then click on “Other Locations” to provide the drivers for the Intel EtherExpress PRO 100B-TX PCI 10/100.
 - 10 Insert the drivers diskette and set the path statement to “A:\” and click on “OK”.
 - 11 With the “Intel 82557C-Based Ethernet PCI (10/100)” listed, click on “Finish”.
 - 12 When asked to supply the driver “net82557.INF”, set the path to “A:\” and click on “OK”.
 - 13 Click “OK” to the “Network dialog box to provide computer / workgroup names.
 - 14 Specify your Computer Name, Workgroup, and Computer Description. (If you do not have the required information, contact your network administrator).
 - 15 Click on “Close” button, and files will copy.
 - 16 Click on the “Yes” button to finish the installation and restart your computer.
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3 Installing the Intel EtherExpress PRO 100B-TX PCI Ethernet Adapter

Microsoft Windows 95 SR2.5

Connecting to a Novell NetWare 3.12 Server

Requirements

- HP Vectra with Windows 95 SR2.5.
- Intel EtherExpress PRO 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows 95 SR2.5 media.
- Novell NetWare 3.12 system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	10	03	11
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress PRO 100B-TX PCI adapter card into an PCI slot.
 - 2 Connect network cable media to the PRO 100B-TX PCI card.
 - 3 Power on the machine and start Windows 95SR2.5 in MS-DOS mode.
 - 4 Insert the Intel drivers disk, "EtherExpress Ethernet Drivers" and execute "A:\SETUP.EXE".
 - 5 Select "VIEW ADAPTER SETTINGS" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 When Windows 95 restarts, a message will appear to indicate that a new hardware has been found.
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3 Installing the Intel EtherExpress PRO 100B-TX PCI Ethernet Adapter

Connecting to a Novell NetWare 3.12 Server

- 9 When prompted, click on “Next” and then click on “Other Locations” to provide the drivers for the Intel EtherExpress PRO 100B-TX PCI 10/100.
 - 10 Insert the drivers diskette and set the path statement to “A:\” and click on “OK”.
 - 11 With the “Intel 82557C-Based Ethernet PCI (10/100)” listed, click on “Finish”.
 - 12 When asked to supply the driver “net82557.INF”, set the path to “A:\” and click on “OK”.
 - 13 Click “OK” to the “Network dialog box to provide computer / workgroup names.
 - 14 Specify your Computer Name, Workgroup, and Computer Description. (If you do not have the required information, contact your network administrator).
 - 15 Click on “Close” button, and files will copy.
 - 16 Click on the “Yes” button to finish the installation and restart your computer.
-

4 Installing the Intel EtherExpress PRO 100B-TX PCI Ethernet Adapter

Microsoft Windows 95 SR2.5

Connecting to a Novell NetWare 4.11 Server

Requirements

- HP Vectra with Windows 95 SR2.5.
- Intel EtherExpress PRO 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows 95 SR2.5 media.
- Novell NetWare 4.11 system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	10	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress PRO 100B-TX PCI adapter card into an PCI slot.
 - 2 Connect network cable media to the PRO 100B-TX PCI card.
 - 3 Power on the machine and start Windows 95SR2.5 in MS-DOS mode.
 - 4 Insert the Intel drivers disk, "EtherExpress Ethernet Drivers" and execute "A:\SETUP.EXE".
 - 5 Select "VIEW ADAPTER SETTINGS" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 When Windows 95 restarts, a message will appear to indicate that a new hardware has been found.
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4 Installing the Intel EtherExpress PRO 100B-TX PCI Ethernet Adapter

Connecting to a Novell NetWare 4.11 Server

- 9 When prompted, click on “Next” and then click on “Other Locations” to provide the drivers for the Intel EtherExpress PRO 100B-TX PCI 10/100.
 - 10 Insert the drivers diskette and set the path statement to “A:\” and click on “OK”.
 - 11 With the “Intel 82557C-Based Ethernet PCI (10/100)” listed, click on “Finish”.
 - 12 When asked to supply the driver “net82557.INF”, set the path to “A:\” and click on “OK”.
 - 13 Click “OK” to the “Network dialog box to provide computer / workgroup names.
 - 14 Specify your Computer Name, Workgroup, and Computer Description. (If you do not have the required information, contact your network administrator).
 - 15 Click on “Close” button, and files will copy.
 - 16 Click on the “Yes” button to finish the installation and restart your computer.
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5 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows NT 4.0 Workstation

Connecting to a Windows NT 3.51 Server

Requirements

- HP Vectra with Windows NT 4.0 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT 4.0 Workstation media.
- Microsoft Windows NT 3.51 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	05	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 Log into Windows NT with administrator privileges.
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- 9 Open the “Network Properties” window and agree to install “Windows NT Networking”.
 - 10 With “Wired to the Network” checked, click on “Next”.
 - 11 Click on the option to “Select from list” then on “Have Disk”.
 - 12 Insert the Intel EtherExpress Pro 100B-TX PCI Ethernet driver disk into the floppy drive.
 - 13 Highlight the adapter labeled “Intel 82557-Based Ethernet PCI Adapter (10/100)” and click on “OK”.
 - 14 With “Intel 82557-Based Ethernet PCI Adapter (10/100)” listed in the “Network Adapters:” windows, click on “Next”.
 - 15 Accept the applicable network protocols and click on “Next”.
 - 16 At the “Network Services:” prompt, accept default settings and click on “Next”.
 - 17 Finish the network card installation by clicking on “Next”.
 - 18 Designate the path to your NT files and select “Continue”.
 - 19 At the “PCI Configuration Notification” window, click on “OK”.
 - 20 Click on “OK” for “Intel PROSet” dialog box.
 - 21 Click on “Yes” to use DHCP or choose “NO” if you know your IP Address.
 - 22 At the “Show Bindings for:” prompt, accept default settings and click on “Next”.
 - 23 When “Windows NT is now ready to start the network...” click on “Next”.
 - 24 Specify your Computer Name, Workgroup or Domain and click on “Next”.
 - 25 After “Network has been installed on this computer” click on “Finish”.
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6 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows NT 4.0 Workstation

Connecting to a Windows NT 4.0 Server

Requirements

- HP Vectra with Windows NT 4.0 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT 4.0 Workstation media.
- Microsoft Windows NT 4.0 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	11	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 Log into Windows NT with administrator privileges.
-

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 - 10 With “Wired to the Network” checked, click on “Next”.
 - 11 Click on the option to “Select from list” then on “Have Disk”.
 - 12 Insert the Intel EtherExpress Pro 100B-TX PCI Ethernet driver disk into the floppy drive.
 - 13 Highlight the adapter labeled “Intel 82557-Based Ethernet PCI Adapter (10/100)” and click on “OK”.
 - 14 With “Intel 82557-Based Ethernet PCI Adapter (10/100)” listed in the “Network Adapters:” windows, click on “Next”.
 - 15 Accept the applicable network protocols and click on “Next”.
 - 16 At the “Network Services:” prompt, accept default settings and click on “Next”.
 - 17 Finish the network card installation by clicking on “Next”.
 - 18 Designate the path to your NT files and select “Continue”.
 - 19 At the “PCI Configuration Notification” window, click on “OK”.
 - 20 Click on “OK” for “Intel PROSet” dialog box.
 - 21 Click on “Yes” to use DHCP or choose “NO” if you know your IP Address.
 - 22 At the “Show Bindings for:” prompt, accept default settings and click on “Next”.
 - 23 When “Windows NT is now ready to start the network...” click on “Next”.
 - 24 Specify your Computer Name, Workgroup or Domain and click on “Next”.
 - 25 After “Network has been installed on this computer” click on “Finish”.
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7 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows NT 4.0 Workstation

Connecting to a Novell NetWare 3.12 Server

Requirements

- HP Vectra with Windows NT 4.0 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT 4.0 Workstation media.
- Novell NetWare 3.12 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	05	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 Log into Windows NT with administrator privileges.
-

- 9 Open the “Network Properties” window and agree to install “Windows NT Networking”.
 - 10 With “Wired to the Network” checked, click on “Next”.
 - 11 Click on the option to “Select from list” then on “Have Disk”.
 - 12 Insert the Intel EtherExpress Pro 100B-TX PCI Ethernet driver disk into the floppy drive.
 - 13 Highlight the adapter labeled “Intel 82557-Based Ethernet PCI Adapter (10/100)” and click on “OK”.
 - 14 With “Intel 82557-Based Ethernet PCI Adapter (10/100)” listed in the “Network Adapters:” windows, click on “Next”.
 - 15 Accept the applicable network protocols and click on “Next”.
 - 16 At the “Network Services:” prompt, accept default settings and click on “Next”.
 - 17 Finish the network card installation by clicking on “Next”.
 - 18 Designate the path to your NT files and select “Continue”.
 - 19 At the “PCI Configuration Notification” window, click on “OK”.
 - 20 Click on “OK” for “Intel PROSet” dialog box.
 - 21 Click on “Yes” to use DHCP or choose “NO” if you know your IP Address.
 - 22 At the “Show Bindings for:” prompt, accept default settings and click on “Next”.
 - 23 When “Windows NT is now ready to start the network...” click on “Next”.
 - 24 Specify your Computer Name, Workgroup or Domain and click on “Next”.
 - 25 After “Network has been installed on this computer” click on “Finish”.
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8 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows NT 4.0 Workstation

Connecting to a Novell NetWare 4.11 Server

Requirements

- HP Vectra with Windows NT 4.0 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT 4.0 Workstation media.
- Novell NetWare 4.11 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	11	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 Log into Windows NT with administrator privileges.
-

- 9 Open the “Network Properties” window and agree to install “Windows NT Networking”.
 - 10 With “Wired to the Network” checked, click on “Next”.
 - 11 Click on the option to “Select from list” then on “Have Disk”.
 - 12 Insert the Intel EtherExpress Pro 100B-TX PCI Ethernet driver disk into the floppy drive.
 - 13 Highlight the adapter labeled “Intel 82557-Based Ethernet PCI Adapter (10/100)” and click on “OK”.
 - 14 With “Intel 82557-Based Ethernet PCI Adapter (10/100)” listed in the “Network Adapters:” windows, click on “Next”.
 - 15 Accept the applicable network protocols and click on “Next”.
 - 16 At the “Network Services:” prompt, accept default settings and click on “Next”.
 - 17 Finish the network card installation by clicking on “Next”.
 - 18 Designate the path to your NT files and select “Continue”.
 - 19 At the “PCI Configuration Notification” window, click on “OK”.
 - 20 Click on “OK” for “Intel PROSet” dialog box.
 - 21 Click on “Yes” to use DHCP or choose “NO” if you know your IP Address.
 - 22 At the “Show Bindings for:” prompt, accept default settings and click on “Next”.
 - 23 When “Windows NT is now ready to start the network...” click on “Next”.
 - 24 Specify your Computer Name, Workgroup or Domain and click on “Next”.
 - 25 After “Network has been installed on this computer” click on “Finish”.
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9 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows NT 3.51 Workstation

Connecting to a Windows NT 3.51 Server

Requirements

- HP Vectra with Windows NT 3.51 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT3.51 Workstation media.
- Microsoft Windows NT 3.51 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	09	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 After Windows loads, go to the "MAIN" program group, and double-click on "Control Panel".
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- 9 Select the “Network” icon, and click “YES” to install NT networking.
 - 10 Insert the Windows NT Workstation CD.
 - 11 In the “Windows NT Setup”, set the path to your NT files, and click on the “Continue” button.
 - 12 Click on the “Do Not Detect” button from the “Network Adapter Card Detection” dialog box, and click on “Continue” in the second “Network Adapter Card Detection” dialog box.
 - 13 From the “Drop Down List”, scroll down and select “<Other> Requires disk from manufacturer”, then click on “Continue”.
 - 14 Set the path to “A:\” in the “Insert Disk” dialog box, and insert the Intel EtherExpress drivers disk.
 - 15 Click on “OK” at the “Install Driver” dialog box.
 - 16 Select “Intel EtherExpress PRO/100B PCI Adapter (TX or T4)” in the “Select OEM Option” dialog box, and click “OK”.
 - 17 Click “OK” at the “PCI Configuration Notification” screen.
 - 18 Click on the “OK” button in the “Intel PROSet” dialog box.
 - 19 Choose the default Protocol TCP/IP, and any additional network protocols by clicking the check boxes in the “Windows NT Setup” dialog box, and click “OK”.
 - 20 Check the box to add other TCP/IP components, and hit Enter.
 - 21 Click “OK” to review the network settings in the “Network Settings” dialog box.
 - 22 Enter your IP information or check the box “Enable Automatic DHCP Configuration”, and click on the “OK” button.
 - 23 At the “Domain/Workgroup Settings” dialog box, click on “OK” to accept the default “Workgroup” as your workgroup name.
 - 24 To complete the installation, remove the floppy disk, and click on “Restart Computer” button in the “Windows NT Workstation Networking Setup” dialog box.
 - 25 With “Wired to the Network” checked, click on “Next”.
 - 26 Click on the option to “Select from list” then on “Have Disk”.
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9 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Connecting to a Windows NT 3.51 Server

- 27 Insert the Intel EtherExpress Pro 100B-TX PCI Ethernet driver disk into the floppy drive.
 - 28 Highlight the adapter labeled “Intel 82557-Based Ethernet PCI Adapter (10/100)” and click on “OK”.
 - 29 With “Intel 82557-Based Ethernet PCI Adapter (10/100)” listed in the “Network Adapters:” windows, click on “Next”.
 - 30 Accept the applicable network protocols and click on “Next”.
 - 31 At the “Network Services:” prompt, accept default settings and click on “Next”.
 - 32 Finish the network card installation by clicking on “Next”.
 - 33 Designate the path to your NT files and select “Continue”.
 - 34 At the “PCI Configuration Notification” window, click on “OK”.
 - 35 Click on “OK” for “Intel PROSet” dialog box.
 - 36 Click on “Yes” to use DHCP or choose “NO” if you know your IP Address.
 - 37 At the “Show Bindings for:” prompt, accept default settings and click on “Next”.
 - 38 When “Windows NT is now ready to start the network...” click on “Next”.
 - 39 Specify your Computer Name, Workgroup or Domain and click on “Next”.
 - 40 After “Network has been installed on this computer” click on “Finish”.
-

10 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows NT 3.51 Workstation

Connecting to a Windows NT 4.0 Server

Requirements

- HP Vectra with Windows NT 3.51 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT3.51 Workstation media.
- Microsoft Windows NT4.0 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	09	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 After Windows loads, go to the "MAIN" program group, and double-click on "Control Panel".
-

10 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Connecting to a Windows NT 4.0 Server

- 9 Select the “Network” icon, and click “YES” to install NT networking.
 - 10 Insert the Windows NT Workstation CD.
 - 11 In the “Windows NT Setup”, set the path to your NT files, and click on the “Continue” button.
 - 12 Click on the “Do Not Detect” button from the “Network Adapter Card Detection” dialog box, and click on “Continue” in the second “Network Adapter Card Detection” dialog box.
 - 13 From the “Drop Down List”, scroll down and select “<Other> Requires disk from manufacturer”, then click on “Continue”.
 - 14 Set the path to “A:\” in the “Insert Disk” dialog box, and insert the Intel EtherExpress drivers disk.
 - 15 Click on “OK” at the “Install Driver” dialog box.
 - 16 Select “Intel EtherExpress PRO/100B PCI Adapter (TX or T4)” in the “Select OEM Option” dialog box, and click “OK”.
 - 17 Click “OK” at the “PCI Configuration Notification” screen.
 - 18 Click on the “OK” button in the “Intel PROSet” dialog box.
 - 19 Choose the default Protocol TCP/IP, and any additional network protocols by clicking the check boxes in the “Windows NT Setup” dialog box, and click “OK”.
 - 20 Check the box to add other TCP/IP components, and hit Enter.
 - 21 Click “OK” to review the network settings in the “Network Settings” dialog box.
 - 22 Enter your IP information or check the box “Enable Automatic DHCP Configuration”, and click on the “OK” button.
 - 23 At the “Domain/Workgroup Settings” dialog box, click on “OK” to accept the default “Workgroup” as your workgroup name.
 - 24 To complete the installation, remove the floppy disk, and click on “Restart Computer” button in the “Windows NT Workstation Networking Setup” dialog box.
 - 25 With “Wired to the Network” checked, click on “Next”.
 - 26 Click on the option to “Select from list” then on “Have Disk”.
-

- 27 Insert the Intel EtherExpress Pro 100B-TX PCI Ethernet driver disk into the floppy drive.
 - 28 Highlight the adapter labeled “Intel 82557-Based Ethernet PCI Adapter (10/100)” and click on “OK”.
 - 29 With “Intel 82557-Based Ethernet PCI Adapter (10/100)” listed in the “Network Adapters:” windows, click on “Next”.
 - 30 Accept the applicable network protocols and click on “Next”.
 - 31 At the “Network Services:” prompt, accept default settings and click on “Next”.
 - 32 Finish the network card installation by clicking on “Next”.
 - 33 Designate the path to your NT files and select “Continue”.
 - 34 At the “PCI Configuration Notification” window, click on “OK”.
 - 35 Click on “OK” for “Intel PROSet” dialog box.
 - 36 Click on “Yes” to use DHCP or choose “NO” if you know your IP Address.
 - 37 At the “Show Bindings for:” prompt, accept default settings and click on “Next”.
 - 38 When “Windows NT is now ready to start the network...” click on “Next”.
 - 39 Specify your Computer Name, Workgroup or Domain and click on “Next”.
 - 40 After “Network has been installed on this computer” click on “Finish”.
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11 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows NT 3.51 Workstation

Connecting to a Novell NetWare 4.11 Server

Requirements

- HP Vectra with Windows NT 3.51 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT3.51 Workstation media.
- Novell NetWare 4.11 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	09	03	10
I/O Address	1020	DCE0	E400

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 After Windows loads, go to the "MAIN" program group, and double-click on "Control Panel".
 - 9 Select the "Network" icon, and click "YES" to install NT networking.
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- 10 Insert the Windows NT Workstation CD.
 - 11 In the “Windows NT Setup”, set the path to your NT files, and click on the “Continue” button.
 - 12 Click on the “Do Not Detect” button from the “Network Adapter Card Detection” dialog box, and click on “Continue” in the second “Network Adapter Card Detection” dialog box.
 - 13 From the “Drop Down List”, scroll down and select “<Other> Requires disk from manufacturer”, then click on “Continue”.
 - 14 Set the path to “A:\” in the “Insert Disk” dialog box, and insert the Intel EtherExpress drivers disk.
 - 15 Click on “OK” at the “Install Driver” dialog box.
 - 16 Select “Intel EtherExpress PRO/100B PCI Adapter (TX or T4)” in the “Select OEM Option” dialog box, and click “OK”.
 - 17 Click “OK” at the “PCI Configuration Notification” screen.
 - 18 Click on the “OK” button in the “Intel PROSet” dialog box.
 - 19 Choose the default Protocol TCP/IP, and any additional network protocols by clicking the check boxes in the “Windows NT Setup” dialog box, and click “OK”.
 - 20 Check the box to add other TCP/IP components, and hit Enter.
 - 21 Click “OK” to review the network settings in the “Network Settings” dialog box.
 - 22 Enter your IP information or check the box “Enable Automatic DHCP Configuration”, and click on the “OK” button.
 - 23 At the “Domain/Workgroup Settings” dialog box, click on “OK” to accept the default “Workgroup” as your workgroup name.
 - 24 To complete the installation, remove the floppy disk, and click on “Restart Computer” button in the “Windows NT Workstation Networking Setup” dialog box.
 - 25 With “Wired to the Network” checked, click on “Next”.
 - 26 Click on the option to “Select from list” then on “Have Disk”.
 - 27 Insert the Intel EtherExpress Pro 100B-TX PCI Ethernet driver disk into the floppy drive.
 - 28 Highlight the adapter labeled “Intel 82557-Based Ethernet PCI Adapter (10/100)” and click on “OK”.
 - 29 With “Intel 82557-Based Ethernet PCI Adapter (10/100)” listed in the “Network Adapters:” windows, click on “Next”.
 - 30 Accept the applicable network protocols and click on “Next”.
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11 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Connecting to a Novell NetWare 4.11 Server

- 31 At the “Network Services:” prompt, accept default settings and click on “Next”.
 - 32 Finish the network card installation by clicking on “Next”.
 - 33 Designate the path to your NT files and select “Continue”.
 - 34 At the “PCI Configuration Notification” window, click on “OK”.
 - 35 Click on “OK” for “Intel PROSet” dialog box.
 - 36 Click on “Yes” to use DHCP or choose “NO” if you know your IP Address.
 - 37 At the “Show Bindings for:” prompt, accept default settings and click on “Next”.
 - 38 When “Windows NT is now ready to start the network...” click on “Next”.
 - 39 Specify your Computer Name, Workgroup or Domain and click on “Next”.
 - 40 After “Network has been installed on this computer” click on “Finish”.
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12 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows for
Workgroups Ver. 3.11

Connecting to a
Windows NT 4.0 Server

Requirements

- HP Vectra with Windows NT 4.0 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT 4.0 Workstation media.
- Microsoft Windows NT4.0 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	10	03	10
I/O Address	N/A	DCE0	N/A

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 After Windows loads, open the "NETWORK" program group, and double-click the "Network Setup".
 - 9 Select the "Networks" button in the "Network Setup" dialog box.
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12 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Connecting to a Windows NT 4.0 Server

- 10 Click on the “Install Microsoft Windows Network:” option, and click “OK”.
 - 11 Click the “Drivers” button from the “Network Setup” dialog box, and click on “Add Adapter”.
 - 12 Click “OK” to accept the default choice of “Unlisted or Updated Network Adapter”.
 - 13 Type the path “A:\WFW” in the “Install Driver” dialog box, and then insert the Intel EtherExpress driver disk into the floppy drive, and click “OK”.
 - 14 Select “Intel 82557-Based Ethernet PCI Adapter (10/100)” in the “Unlisted or Updated Network Adapter” dialog box, and click “OK”.
 - 15 Make sure that the “Intel 82557-Based Ethernet PCI Adapter (10/100)” is selected in “Network Drivers”.
 - 16 Accept the list of Protocols listed below and click on the “CLOSE” button.
 - 17 At the “Network Setup” dialog box, click on “OK”.
 - 18 Specify your User Name, Workgroup, and Computer Name in “Microsoft Windows Network Names” dialog box, and click on “OK”.
 - 19 Finish the network card installation by clicking on “OK” in the “Network Setup” message.
 - 20 To complete the installation, click on “Restart Computer” button in the “Windows Setup” dialog box.
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13 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Microsoft Windows for
Workgroups Ver. 3.11

Connecting to a Novell
NetWare 4.11 Server

Requirements

- HP Vectra with Windows NT 4.0 Workstation.
- Intel EtherExpress Pro 100B-TX PCI Ethernet card and drivers disk.
- Microsoft Windows NT 4.0 Workstation media.
- Novell NetWare 4.11 Server system that supports NetBEUI, TCP/IP, NWLink IPX/SPX, and NWLink NetBIOS transfer protocols.

Device Configuration

Device Configuration	Vectra Vli8	Vectra VEi7	Vectra VEi8
Interrupt	09	03	10
I/O Address	1020	DCE0	N/A

Procedure

- 1 With the HP Vectra turned off, install the Intel EtherExpress Pro 100B-TX PCI Ethernet adapter into a PCI slot.
 - 2 Connect network cable media to the Intel EtherExpress Pro 100B-TX PCI Ethernet card.
 - 3 Power on the machine and start the machine in MS-DOS mode.
 - 4 Insert the Intel driver disk and execute "SETUP.EXE".
 - 5 Select "View Adapter Settings" and verify the resource settings listed above under the heading "Device Configuration".
 - 6 If changes are required, save those changes and exit.
 - 7 Remove the Intel Software driver diskette and restart the system.
 - 8 After Windows loads, open the "NETWORK" program group, and double-click the "Network Setup".
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13 Installing the Intel EtherExpress Pro 100B-TX PCI Ethernet Adapter

Connecting to a Novell NetWare 4.11 Server

- 9 Select the “Networks” button in the “Network Setup” dialog box.
 - 10 Click on the “Install Microsoft Windows Network:” option, and click “OK”.
 - 11 Click the “Drivers” button from the “Network Setup” dialog box, and click on “Add Adapter”.
 - 12 Click “OK” to accept the default choice of “Unlisted or Updated Network Adapter”.
 - 13 Type the path “A:\WFW” in the “Install Driver” dialog box, and then insert the Intel EtherExpress driver disk into the floppy drive, and click “OK”.
 - 14 Select “Intel 82557-Based Ethernet PCI Adapter (10/100)” in the “Unlisted or Updated Network Adapter” dialog box, and click “OK”.
 - 15 Make sure that the “Intel 82557-Based Ethernet PCI Adapter (10/100)” is selected in “Network Drivers”.
 - 16 Accept the list of Protocols listed below and click on the “CLOSE” button.
 - 17 At the “Network Setup” dialog box, click on “OK”.
 - 18 Specify your User Name, Workgroup, and Computer Name in “Microsoft Windows Network Names” dialog box, and click on “OK”.
 - 19 Finish the network card installation by clicking on “OK” in the “Network Setup” message.
 - 20 To complete the installation, click on “Restart Computer” button in the “Windows Setup” dialog box.
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